ccatgtggta gtttctgttt gtcagaggaa tagcacattt tgtgacttct ggagcaattt 1920 ttatgttagt ttctctgctc aagatttcct tatcaaatgg gtattgcaca tgtcatgacc 1980 acacttttca agaatgatag tgtttctcct aatacgatgg ttcaacaata attgaatgaa 2040 tctaatggta agaatttcag aagaaattat atcaactaca tatagtagat tcaaggcatt 2100 tttcaaaaac acaatgccag tccacccctt ttcactatac aattgaggaa aatgaggtcc 2160 ccaaatgtta aatgacttct gctgagatcc aatgaattaa aggcagagca gaggctaaaa 2220 tctagatctc tttgttgtta aaatacattt taatttgaca cagatgatga gtaatgctga 2280 cccagaggta aatctgaact ttcttttgtt actattctta actttggctt caggatccaa 2340 gtgcctagaa agttacttcc taaacttgat cctcacctat gttgcatatt atcaagcatt 2400 tggtggtgtt aattetttea tgteeaatta aattaaagea gtaattttet ttetagttat 2460 tgctagtaga gacactggta gattctgcct tggtagacct tcctctgtca acaatttact 2520 tttgtcttcc tttcttttaa aacatgtatc ccactcacaa atacctaaat ttccttgaag 2580 actgctgcca tgttttaaga tttcttttt tttccatagt gactagtaaa acctgccatt 2640 ttcattatac ataggcactc tataaatatc tgctaattta gcaattatta gtaatttcct 2700 ttcttctctt ccatttcttc ctttcttgta ttgggtaaag gaacatttca ggatttgctt 2760 atgtaaagtt ttcaggagtt tctttccttc ctccctttta cagagagcat acaaaatgta 2820 gatgattcat attcacttat ttcatttaaa taaaattata atgatgtatg ttgtgttctg 2880 tttgcagaac agagtgttct gaacatcaac acaaagtgga agaaccttaa gctgaaggta 2940 cagtatatta tttacactga aggggcttgt gtgtggacaa gaaagcgctg acagctcaaa 3000 tggatcccat ggaactgaga aatgtcaaca tcgaaccaga tgatgagagc agcagtggag 3060 aaaqtqctcc aqataqctac atcqqqataq gaaattcaga aaaggcagca atgagcaggt 3120 atggggttaa aaattactat gttccatgga aaaataagac aggatgtgga catggaaaac 3180 agggtcttga tgggaagaac tggatttatt acaggtaaat ttgtgataac aatgatattg 3240 atgctagcac atcaattccc tggtcctgaa atacagtgat aatgtcaatc tcttttgtga 3300 ctgatttaga attgaggtta caatgtcttt gtctccatta ataatgtgta ataattttaa 3360 ttattttagc ctattgctcc tcttatcttt ctcagattcc tctttgaatg ttgctacacc 3420 tectggttte tgtagggatt etttetete taaaagtate etetgggeaa geteaeteae 3480 aactactatg gcctcaccct ccaaatatat gccatatacc cagcctgtta agtttctcta 3540 ctqaatttca qataattata tctgaatgtc tactgcacgt ctctactgga ccattactgt 3600 gtctaaattg cctcatttat aaagttaaac ctgtaatgtc taatactgaa ctcctatctt 3660 tecetecaaa acetgeteet eetetagtaa teeecateet agtgaaaate actgetatea 3720 tgtagcaact cactcaaaag cccctaggtg taaactttga cccacatagc caacggtcag 3780 tcatatccag ttggtttgac cttattaatg cttcaaatac acctactttt ctgtacccat 3840 tctactgtgg tcttacgtta ggcctacatt aaatgtgaga cagggagaga gccctgattt 3900 ctctccctgt cttacatttt gctctcctct gtctagccct ctacactcct gcaagagcaa 3960 tctcttacaa ttgcaaattg aatcaatttc catccttaga taaagccctt ctgcacctct 4020 ccaatagcca taagagaaag tagattacac acactgctgg gcacgtaagg tcctttgtga 4080 tetgttettg acetgeecet cetgteetgt tttttgeect etecetattt gttacttgtt 4140 gccttcactc attctgctcc aactgcctgg aatcagtcac ctgctccccc tttctccgtg 4200 ttgacacctc tcatccttca agaatcagct caacatcagg tctcctatgc agccttttcc 4260 aaattactct actcccccat gtagaagtga ctgcccctcc ttcatgtacc ctctccctgt 4320 gcagatgtta attacgccac tactacaggt taatggcctc tgtggtccca ccacctgcca 4380 cattgtctgg tgcatagtga gtgcacaata gttatttgat aagtcaattg atttcccaca 4440 aaatqttata tcaaattqta catgatttaa gatgctcaga agggaatttt tgaccaaatc 4500 taggcgtgaa atagagaata ttgtgctcaa acaaagactt ctcattttat ttacaacacc 4560 caggaaaatc catcaggaga aactaccgtt cttccttcaa gtagctcagt gcaatgaact 4620 ttagggatgt cggactagag aggccactga gatgtaaatt atagcatttt ctaaattagg 4680 tgaccettga agaaacacta gggtgctaga agacagggct ttggagtctg cagagtagtt 4740 gcctgacttt agagaagctg tttgtcctct ttgagcttca atggaaaatg taaaatggca 4800 aaccaacagc tgcttttcaa ggatgagatg ggtgaccaga atatagatga cattcaatac 4860 ttttttatta cttctccttc actgcattac cctcagtaaa ttgattcaaa cctgaggatg 4920 tttctgaaag gcatgcacac aaatatgagc tctgccgagg ttgacagagt taaaggggac 4980 accetectaa gaactgteat agtgteatte caettgatee teaaaageea gagtagaaag 5040 agcatgaatg cttttcttaa gcttcatgca atgtgttccg aaccactcac agtgacttac 5100 cttttatctc ctggcttaaa cataggacat cattttgcag tttttaaaat cagtttaaag 5160 agatgggttt tatctatgtg tggtttggat tgaaccctta aatgtaaatt tttgagaaat 5220 tcaacataat gtatttattt gtgatcatta tacttgtgtt ttcaatacat gctgggtttg 5280 qtatcaaaac atttaacata ctqqqqacat ttctcatcta ttttatacaa tcttggcatg 5340 ttaaatgact acaactcatc tcatgccaaa ataagaacat gcaaatgcct caaagaaaga 5400 aaatctqttt actttcaaat tctcaatttt aaaaactact atggaataca gattttagtt 5460 tattqattaa aataaagatt ccagaqttta aattctaggt ggcacttttg tttttatagt 5520 cctcaggccc attttaggct tcattttatc ctgtcatctc agtctccaac tgtgaacatt 5580 atgtaccagt cttcacatag caggtacatt aattacagac cattaatgta aaccacaaaa 5640 gagtggtggg cagtgggtgg ggggtgaatg gaaatggaaa gaggcaacaa ctgagggcat 5700 tgtgctttct gtgagaaata tggggagaag gctaggaaat gttcttaact tgtgtactca 5760 qaqctattta tqccttqaqt tctaqaaaaq cacatacaac tttgtggttt cgtgtgctgt 5820 ttctatctac atctcatact gttttctatt ctcaaaaagt aaccctgtca tcctctttcc 5880 tctccagatt attttcagga ttagcttctg ttataaaaaa tagcttgtac agatctccta 5940 caataattat tttctatttt atttctaagg tttatttatt tatttattga gacagacaga 6000 gtttcactct tgtggcccat gctggagtgc aatggtgcaa tctcggctca ctgcaacctc 6060 tgcctcccag gttcaagcga ttctcctgct tcagcctcct gagtagctgg gattacaggc 6120 gcctgccacc acactcggct aactttttgt atttctagta gagacgaagt ttcaccatgt 6180 tggccaggct ggtcttgaac tcctgacctc aagttatcca cccacctcag cctcccaaag 6240 tgctgggatt acaggcgtga gccactgtgc ctggcctcta ggattatatt aatagaacaa 6300 tottcaatta ttttatcttt ctttatcttt cttttcatgt aggaaatgtc ctaaaatttt 6360 caaaccctca atttgaaagc acttttaaaa tcatacatag tcgagcattt tatataaaaa 6420 caactaaaaa gtctgtgaca ttttgcagta taaaaatgca atggcagcag caggccttat 6480 taattgagcc tcttggaaat gtggctggtc ctaggtccgt agcctcaaag gccctggctt 6540 gtaactgcag gagctgacca gcacagctct ataaccaagt tgtacatctt ctagcctgtg 6600 tccaagaaaa ccagaatcac aacgctctgt ggatagtgac atcttaaagt tttctttccc 6660 tcccaactct tttgccagtt cattgaattg ctttaataat ttccttagtt tcattcatta 6720 totqttaata atocatgtac attttgagag taattaaaac acatacgcac acacagaaac 6780 aaccaacaca acacacagct accactgaat tactttccag taagagatgt atgtataaat 6840 qattqtacca aaaaaaaaa aagaaagaaa ataccagcta cagggccctg cctgggactg 6900 cttgatgcca gggggagaat ggggtctccc cctgggtatg ggtgggtatg ggcctgctgc 6960 ttcacctttc tgagccacag ttccctatag ggatattttg aacatcagat gagataagga 7020 tcacagtgcc taggcattta ataaatattc gttgaattaa taaaatcatc tgattatggt 7080 atggtagtag ttcagaaaat tctgtcataa ccctgtactc tttctttgga agggctctaa 7140 atgggaacac aattagttgt agtctcttgc atagctaatg tgagaaagag ggaatgtggt 7200 caaagtatag ttgtaaatgg aactcaaaat tgttggtctg gaatgaccgt tagtgtgaag 7320 qaqqaaaaga aaattggggt gtcttatttc ccctcctctg attcagttac ttagatcacc 7380 tgaaacatac atatgattca gagcatatat ttagatgttt tcactttctt atttgtgtgt 7440 gigtgtgttc agtcaatttg ctaatgaaga cactgaaagt cagaaattcc tgacaaatgg 7500 atttttgggg aaaaagaagc tggcagatta tgctgatgaa cacgtaagtg aatctatgct 7560 ttcaggcaat aaacgggact gagggtgtct gatctaccta ggtctctgtg ggaaaacaat 7620 gtgactgaaa ttttccaagc cttgatcagc acattctgtg tttattcagg ctcttactgg 7680 aataagggct tgttttttcc tgttcgccat atggctgcat gaatcattta tgaaacttat 7740 gtgttttggg gggaaatcat tctaacccaa aggtaatcta caatcataca tgttttccct 7800 tetttatgtg acteceettg taatttgtat ttttactgag geetetgetg aaaccaagca 7860 ctgcattccg ttgaaaatta catgctttta ttgatgttga gtaatggctt tactcctgta 7920 atgttatctt agtcttcaat tttggactgt aatctgcaga taatgtgaga ataaggataa 7980 cccctaaagg tatgcccttt ggcaaatgtt tgcttataat acatcccttc tttttcaagc 8040 atcccggaac cacttccttt ggaatgtctt catttaacct gagtaatgcc atcatgggca 8100 qtqqqatcct qqqcttqtcc tatgccatgg ccaacacagg gatcatactt tttatgtaag 8160 tgaatgtata tgtctacatt tggtgatgaa gtccatgcat acctggtggc tttttcaatt 8220 aacaatctca agtttgatct ttgtgaacgt gaagactcag aggaggctaa tcatggcact 8280 tggtcaccca accateceta acceaacgge agaaagtgta tgtgctcaat caaccaaagt 8340 gctggagcag cctcgccaga agaattttgt tattcagtaa atacttgaaa taatttggtg 8400 tttagcaacc aaaaagatct ttcccagaag caaatctgat tttatctcat tcttaggaaa 8460 gaagcaacca agectaagag ceetgeatge cettgeetae ettatgteee atteeetgta 8520 cccctgtgcg acagatacac tgggcacaat agccttctct ccatcctatg aagatgccac 8580 attecetete accattggae etttgcacat ggtettggaa ecetettete tteettette 8640 atctagttaa ctcctcatat gtcagttcag tctcacctga atactgcgcg ccctgatctc 8700 catgactggg gcaaatcacc ttatcataac actcaccaca attttaatgt tttagtgcca 8760 tttgtctgat tcatttggtt aatatctgtc cctcttgctg gactataagc tctagaaagt 8820 tgagcccatg tctgttttta ctcaccaatg tctctacctc caaacctaga gcagtgcctg 8880 gtacaggcaa tatttgttga gtgaccaaac cttattccta aacctacgta ctttcaccaa 8940 acttqttcaa atgctgccta agggtagcag catctggtag ttgacctgta gggtggatac 9000 tgcactgtct atgacagaca acaacagacg tttatgtgca tcatgtacag cctggcattt 9060 tccaggatat agttggcagc agtggaattc ttcacaagaa taaagtctga tgttaggcac 9120 cactgtggac acagatccta atcccaaatg caacgctaga gagttaaata actgtctaag 9180 aatgcaacat ttatatcaca aatatgtgct gtttatgttc tgaatatcac atatgattag 9240 taatcacaca gctatttgag ggctaagcat caggactata aatatttgta ttgtgttagt 9300 gctttgattg aactctttta tgtataatat tcttcagctg aatgggtttt tatatcaact 9360 ttacttttat ataagccatg ttttgaaata aactaggatt ttaataatct gaattttaat 9420 agctatgtat gtagtcatat atttgtatgc ttttgtaatg tgcttacctc taagacaaaa 9480 aaacctgcct ttccttatta attatacata ccattaaaat gaattaggaa gttacagatc 9540 actgatgaat agaaatagga aaaacttccc ccaatcccac agtcatagat catcttcatg 9600 agagaagaat gttccacttt ttaaaatgag ggcctcattt taggcttata aacacttagc 9660 agatgaattt ggtcagaaca attaaatcac taaacatcat ggggtgtgtt ttgtgtgtct 9720 aagtagccca gactggatta agctttctct cttaatttat agcaagtgac acagtatttt 9780 aaaggtttta ctcttagtat tttctgccag agaaagtaca tgtttagaat acagggaatg 9840 ctcattattt ttccagggaa caaaattata taatctgaat tacattattc cttaaaaaca 9900 gttaagttca taaggcatat ggaaaaatat aggaataagt cattggttag acagttctgg 9960 caaacatact ctatqqaaaa taaqaqtqca acatagctac aggggttata aaatttataa 10020 ttcatggtcc aaatgtacat ttgtagtatt gatttcattg ggaattacca agggattaga 10080 tcaattgtgg ggaaagtgta ttttttaaaa ataaacaaag ataaagattt tttttctgaa 10140 ttccaqqtaa aaqqcaqcat tqctcctcca tttattacgt agatgcttct atcaacattc 10200 ttatttttgt gctccaaatc ttggatttgg aaaaatacca atccgtataa acataaagaa 10260 aaaaaaaaa gggaattttc gtgccccatc cttagctttc tctgctttct ctattatata 10380 tqcaactqcc tqccctcta tcttacaaag tacttcgtaa tctaatgcac aggatcagca 10440 gtaatgcagc tcagactgca tgctttcgcc tttggattcc tagatttcag attaaggttt 10500 agtcaggcta ttgaatagcc cttcaattct aagtgctgat gtgaatatca tgcaaatatg 10560 atgtacatat tcccatgtgc tgagtaagta gatgtagcat ttgctaatgt tgctatacat 10620 ttaqcatcta agttatgaac cagattctac cactgggtaa cattaaaaaa aagttaggga 10680 cttcaggtat gtaaaatata gcaaattcta tttctacgac tttaaagggt atgtgtagag 10740 ttctgaaaag aatttctcag cctcccccaa atccacatac ttttggaaag ctgatgattg 10800 aaaagattaa tgtgatcctt tattgtaaca tctaacataa ttacatttta tttattgtag 10860 aaactttatt acctactctc tcttcccttt gcagaatcat gctgcttgct gtggcaatat 10920 tatcactgta ttcagttcac cttttattaa aaacagccaa ggaaggaggt atgctaccac 10980 ttgagtccaa cacattctat tttaattctc ataaaagagt atttcagtct gttgcttcat 11040 aaccttagga tgattatagt cagtttcaca tttcattttc ttctgagccc agtgacacga 11100 tctctcagtg tttatagttg tttgggcaag tgagaggcag gagtgaaagt caactggctc 11160 aggttcaaga caaatagaaa aaagaaattt ctgatatatg atagaaataa ctgttttgac 11220 ttgctacatg cagctaaaat aaataaaacc attgattctt gtttggagaa cattttgata 11280 tattgcttat tggtttttga ggttgcatct tttgggctta taatttctat atgatgttta 11340 tttacatgtt tgagactcca gcatggaatt atatgacaaa aatattttag tcattaaaac 11400 aatctcttta acaaggctat tttatctttg attgtagggt ctttgattta tgaaaaatta 11460 ggagaaaagg catttggatg gccgggaaaa attggagctt ttgtttccat tacaatgcag 11520 aacattggag gtaaggggat atactttcca atggatccca taaactttct atagcgtgtt 11580 caataaataa gaaaacttat ggcaataaac aggcacttta gatacagaaa aattgctact 11640 tatagttctt aaattttaaa atgatagttt cttaaatagg tttgtgtcct gctttaatta 11700 aaaacagcaa tatctaagaa tgaaataaca tataaaaccc tgccaattga attctagaat 11760 taaaatataa aataaaagct ttcttgattt ttaatgttat tatagcatga attattactc 11820 ttaaaaattg aagaatttgt gcttatatct gtcattgaca aaacagttga cgttttctat 11880 gtgtgactga gttcgattta ctaaactgaa aagtgggtgt ctgggggaac atagccaaat 11940 gctgtggtcc ttgaaacgca gcctgcactg agccagccca ctagacagtg tctctggaag 12000 tttactaagg caaaagtctg gctaggcatc aaatgcacta taaaccccgg tttgttgatt 12060 ctatggattc ttataattcc cactgaatta tcatttccag tgtaggacct agaaatatat 12120